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GI 5213F

DECLARATION and POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL P-SELECTIN LIGAND PROTEIN

the specification of which
(check one) ☒ is attached hereto.

was filed on _____
Application Serial No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
<u>PCT/US93/10168</u>	_____	<u>22 October 1993</u>	YES
_____	_____	_____	YES/NO

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose

material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
<u>08/428,734</u>	<u>April 25, 1995</u>	<u>Pending</u>
<u>08/316,305</u>	<u>September 30, 1994</u>	<u>Pending</u>
<u>08/235,398</u>	<u>April 28, 1994</u>	<u>Pending</u>
<u>08/112,608</u>	<u>August 26, 1993</u>	<u>Pending</u>
<u>07/965,662</u>	<u>October 23, 1992</u>	<u>Abandoned</u>

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. DesRosier, Reg. No. 30,168
Ellen J. Kapinos, Reg. No. 32,245
Maureen C. Meinert, Reg. No. 31,544
Steven R. Lazar, Reg. No. 32,618
Scott A. Brown, Reg. No. 32,724

Address all telephone calls to Scott A. Brown at Telephone No. (617) 498-8224. Address all correspondence to **LEGAL AFFAIRS, GENETICS INSTITUTE, INC., 87 CambridgePark Drive, Cambridge, Massachusetts 02140.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Glenn R. Larsen

Inventor's signature _____

_____ Date

Residence 112 Maynard Farm Road, Sudbury, Massachusetts, USA, 01776

Citizenship United States of America

Post Office Address 112 Maynard Farm Road, Sudbury, Massachusetts, USA, 01776

Full name of second joint inventor Dianne S. Sako

Inventor's signature _____

_____ Date

Residence 50 Jamaica Way #6, Boston, Massachusetts, USA, 02130

Citizenship United States of America

Post Office Address 50 Jamaica Way #6, Boston, Massachusetts, USA, 02130

Full name of third joint inventor Xiao-Jia Chang

Inventor's signature _____

_____ Date

Residence 59 Commonwealth Park West, Newton Centre, Massachusetts, USA, 02159

Citizenship People's Republic of China

Post Office Address 59 Commonwealth Park West, Newton Centre, Massachusetts, USA, 02159

Full name of fourth joint inventor Geertruida M. Veldman

Inventor's signature _____

_____ Date

Residence 60 Woodmere Drive, Sudbury, Massachusetts, USA, 01776

Citizenship The Netherlands

Post Office Address 60 Woodmere Drive, Sudbury, Massachusetts, USA, 01776

Full name of fifth joint inventor Dale Cumming

Inventor's signature _____

_____ Date

Residence 57 Hammond Street, Acton, Massachusetts, USA, 01720

Citizenship United States of America

Post Office Address 57 Hammond Street, Acton, Massachusetts, USA, 01720

Full name of sixth joint inventor Ravindra Kumar

Inventor's signature _____

_____ Date

Residence 533 School Street, Belmont, Massachusetts, USA, 02178

Citizenship India

Post Office Address 533 School Street, Belmont, Massachusetts, USA, 02178

Full name of seventh joint inventor Gray Shaw

Inventor's signature _____

_____ Date

Residence 551 Barretts Mill Road, Concord, Massachusetts, USA, 01742

Citizenship United States of America

Post Office Address 551 Barretts Mill Road, Concord, Massachusetts, USA, 01742

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Glenn R. Larsen et al.

Serial No.: 08/713,556

Filed: August 30, 1996

For: FUSIONS OF P-SELECTIN LIGAND
PROTEIN AND POLYNUCLEOTIDES
ENCODING SAME

Attorney Docket No.: GFN-5213CP6 (formerly GI-
5213F)

Group Art Unit: 1646

Examiner: E. Lazar-Wesley

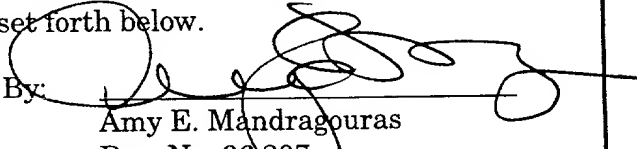
Assistant Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

6/15/00
Date of Signature and of Mail Deposit

By:


Amy E. Mandragouras
Reg. No. 36,207
Attorney for Applicants

**REVOCATION OF PRIOR POWERS OF ATTORNEY
AND APPOINTMENT OF NEW POWER OF ATTORNEY**

Dear Sir:

GENETICS INSTITUTE, INC., the Assignee of the entire right, title and interest in the above-identified application by virtue of an executed Assignment document recorded in the U.S. Patent and Trademark Office for U.S. Serial No. 08/713,556 on December 12, 1996, Reel 8272, Frames 0452-0457, hereby revokes all Powers of Attorney with respect to that application heretofore granted and appoints the below listed attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Catherine J. Kara	Reg. No. 41,106
James E. Cockfield	Reg. No. 19,162	Jeanne M. DiGiorgio	Reg. No. 41,710
Thomas V. Smurzynski	Reg. No. 24,798	Megan E. Williams	Reg. No. 43,270
Ralph A. Loren	Reg. No. 29,325	Nicholas P. Triano III	Reg. No. 36,397
Giulio A. DeConti, Jr.	Reg. No. 31,503	Peter C. Lauro	Reg. No. 32,360
Ann Lamport Hammitte	Reg. No. 34,858	DeAnn F. Smith	Reg. No. 36,683
Elizabeth A. Hanley	Reg. No. 33,505	William D. DeVaul	Reg. No. 42,483
Amy E. Mandragouras	Reg. No. 36,207	David J. Ridders	Reg. No. 43,882
Anthony A. Laurentano	Reg. No. 38,220	Chi Suk Kim	Reg. No. 42,728
Jane E. Remillard	Reg. No. 38,872		
Jeremiah Lynch	Reg. No. 17,425		
Kevin J. Canning	Reg. No. 35,470		
David A. Lane, Jr.	Reg. No. 39,261		

of LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, Massachusetts 02109,
United States of America, and

Ellen J. Kapinos	Reg. No. 32,245	Patricia L. Chisholm	Reg. No. 45,822
Barbara A. Gyure	Reg. No. 34,614	Beth Anne Hurley	Reg. No. 41,859

of 87 CambridgePark Drive, Cambridge, Massachusetts 02140, United States of America,

Egon E. Berg	Reg. No. 21,117	Elizabeth M. Barnhard	Reg. No. 31,088
Gale F. Matthews	Reg. No. 32,269	Alan M. Gordon	Reg. No. 30,637
Darryl L. Webster	Reg. No. 34,276		

of One Campus Drive, Parsippany, New Jersey 07054, United States of America, and

Rebecca R. Barrett	Reg. No. 35,152	Steven R. Eck	Reg. No. 36,126
Arnold S. Milowsky	Reg. No. 35,288	Michael R. Nagy	Reg. No. 33,432
George Tarnowski	Reg. No. 27,472	Arthur G. Seifert	Reg. No. 28,040

of P.O. Box 8299, Philadelphia, Pennsylvania 19101, United States of America.

Robert F. Boswell, Jr. Reg. No. 35,072

of P.O. Box 26609, Richmond, Virginia 23261-6609, United States of America.

Address all telephone calls to Amy E. Mandragouras at Telephone No. (617) 227-7400.

Pursuant to 37 C.F.R. 3.73(b), a copy of the executed assignment submitted for recording is attached hereto as evidence of the chain of title from the original owners to the assignee.

Please send all correspondence relating to the above patent application to:

Amy E. Mandragouras
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, MA 02109
(617) 227-7400

GENETICS INSTITUTE, INC.

By: Barbara A. Gyure

Typed Name: Barbara A. Gyure

Title: Assistant Secretary - Genetics Institute, Inc.

Dated: May 12, 2000

DECLARATION and POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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the specification of which
(check one)

is attached hereto.

X was filed on August 30, 1996
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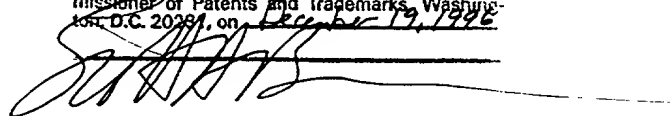
Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
<u>PCT/US93/10168</u>	_____	<u>22 October 1993</u>	YES
_____	_____	_____	YES/NO

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1

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20591, on December 19, 1996



material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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<u>08/428,734</u>	<u>April 25, 1995</u>	<u>Pending</u>
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Steven R. Lazar, Reg. No. 32,618
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Full name of sole or first inventor Glenn R. Larsen

Inventor's signature

Glenn R. Larsen

Date

10/28/96

Residence 112 Maynard Farm Road, Sudbury, Massachusetts, USA, 01776

Citizenship United States of America

Post Office Address 112 Maynard Farm Road, Sudbury, Massachusetts, USA, 01776

Full name of second joint inventor Dianne S. Sako

Inventor's signature  10-31-96

Date

Residence 50 Jamaica Way #6, Boston, Massachusetts, USA, 02130

Citizenship United States of America

Post Office Address 50 Jamaica Way #6, Boston, Massachusetts, USA, 02130

Full name of third joint inventor Xiao-Jia Chang

Inventor's signature  12-6-96

Date

Residence 59 Commonwealth Park West, Newton Centre, Massachusetts, USA, 02159

Citizenship People's Republic of China

Post Office Address 59 Commonwealth Park West, Newton Centre, Massachusetts, USA, 02159

Full name of fourth joint inventor Geertruida M. Veldman

Inventor's signature  10-18-1996

Date

Residence 60 Woodmere Drive, Sudbury, Massachusetts, USA, 01776

Citizenship The Netherlands

Post Office Address 60 Woodmere Drive, Sudbury, Massachusetts, USA, 01776

Full name of ~~fifth~~ joint inventor Dale Cumming

Inventor's signature  11-14-96

Date

Residence 57 Hammond Street, Acton, Massachusetts, USA, 01720

Citizenship United States of America

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Full name of sixth joint inventor Ravindra Kumar

Inventor's signature *Ravindra Kumar* 12/6/96
Date

Residence 533 School Street, Belmont, Massachusetts, USA, 02178

Citizenship India

Post Office Address 533 School Street, Belmont, Massachusetts, USA, 02178

Full name of seventh joint inventor Gray Shaw

Inventor's signature *Gray Shaw* 10/31/96
Date

Residence ~~551 Barretts Mill Road, Concord, Massachusetts, USA, 01742~~
133 Irving Street, Cambridge, Massachusetts, USA, 02140 I.S.

Citizenship United States of America

Post Office Address ~~551 Barretts Mill Road, Concord, Massachusetts, USA, 01742~~